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PERSONAL

Awards

TAMAO, Kohei

The 42nd Toray Science & Technology Prize (Toray Science Foundation)

"Organometallic Chemistry directed toward Organic Synthesis and Materials Science"

For the wide-ranging creative studies in organometallic chemistry, represented by the nickel-catalyzed cross-coupling reaction, the hydrogen peroxide oxidation of the silicon-carbon bond, and the development of silole-containing pi-conjugated systems and their application to the EL devices as efficient electron-transporting materials.

March 14, 2002

The award was established in 1960 to recognize distinguished contributions to the field of science and technology through innovative work of a great impact and, by such example, to stimulate the creativity of others. The award will be presented every year to two distinguished scientists. Among the first award recipients, we can see the name of Prof. Ichiro Sakurada, the former professor in our institute known as the innovator of the synthetic fiber Vinyon.

Frederic Stanley Kipping Award in Silicon Chemistry (The American Chemical Society)

"Distinguished Contributions to Organosilicon Chemistry"

For the wide-ranging creative studies in organosilicon chemistry, represented by the hydrogen peroxide oxidation of the silicon-carbon bond, the silole-containing pi-conjugated systems, and the functionalized silyl anions.

April 9, 2002



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The award was established in 1960 by Dow Corning Corporation to commemorate the achievements of Prof. Fredric Stanley Kipping, to recognize distinguished contributions to the field of silicon chemistry and, by such example, to stimulate the creativity of others. The award will be presented biennially. Prof. Tamao is the fourth Japanese recipient among the 28 recipients in the world.

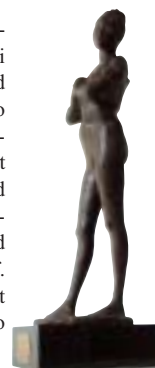
The Asahi Prize (Asahi Culture Foundation)

"Development of Innovative Organometallic Reactions"

For the wide-ranging creative studies in organometallic chemistry, represented by the nickel-catalyzed cross-coupling reaction, the hydrogen peroxide oxidation of the silicon-carbon bond known as the Tamao oxidation, and the development of silole-containing pi-conjugated systems and their application to the EL devices as efficient electron-transporting materials.

January 31, 2003

The award was established in 1929 by the Asahi Shimbun Co., to be presented to a person or a group who has made distinguished contributions to the development of the Japanese culture and society by producing prominent achievements in the field of art and science. Prof. Tamao is the first recipient among chemists in Kyoto University.



KOMATSU, Koichi

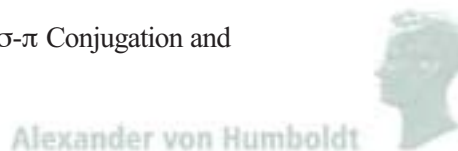


Humboldt Research Award (Alexander von Humboldt Foundation)

"Creation of Novel π -Electronic Systems Having σ - π Conjugation and Three-Dimensional π Conjugation"

Awarded for the achievements in the field of structural organic chemistry, particularly for (1) the development of the application of σ - π conjugation to control the electronic state of cyclic π -conjugated systems, which led to the first synthesis of superstable carbocations, the first isolation and structural determination of radical-cations of benzene, cyclooctatetraene, and polycyclic aromatic hydrocarbons, the first observation of silatropylium ions, and so forth, and (2) the discovery of the effectiveness of solid-state mechanochemical reaction in the first selective synthesis and structural determination of fullerene dimer C_{120} as well as trimer C_{180} .

November 11, 2002



Originally founded in 1860 in memory of eminent scientist Alexander von Humboldt, the Alexander von Humboldt Foundation set up the Research Award, which is, after two interruptions by World Wars, now conferred to up to 150 most prominent researchers world-wide every year in all academic fields covering from natural science to the humanities.

KITANO, Tsuyoshi



The ICR Award for Students

"Exploration into the selectivity of ligands with coordinating nitrogen atoms of controlled distance first-series transition metal and Cd ions"

ICR

6 December 2002

YAMAGUCHI, Shigehiro



The Chemical Society of Japan Award for Distinguished Young Chemists

"Creation of Functional π -Electron Systems Containing Group 13, 14, and 15 Elements"

The Chemical Society of Japan

29 March 2002

AZUMA, Masaki



JSPM Award for Innovative Research

"Search for new transition metal oxides and single crystal growth by means of high pressure synthesis"

27 May 2002

TSUBAKI, Kazunori



The ICR Award for Young Scientists

"Molecular Recognition using Phenolphthalein Derivatives"

ICR

6 December 2002

KANAYA, Toshiji



SFSTJ Award

"Hierarchic Structure of Polymer Gels"

The Society of Fiber Science and Technology, Japan

22 May 2002

Paper Awards

SASAMORI, Takahiro; TAKEDA, Nobuhiro; TOKITOH, Norihiro

The Best Article of the Month

Bulletin of the Chemical Society of Japan, **75**, 661-675 (2002)

"Syntheses, Structures and Properties of Kinetically Stabilized Distibenes and Dibismuthenes, Novel Doubly Bonded Systems between Heavier Group 15 Elements"

The Chemical Society of Japan

25 September 2002



MA, Seung-Jin; MIZUTANI, Masaharu; HIRATAKE, Jun; HAYASHI, Kentaro; YAGI, Kensuke; WATANABE, Naoharu; SAKATA, Kanzo

Award for Excellence to Authors Publishing in 2001

Bioscience, Biotechnology, and Biochemistry, **65**, 2719-2729 (2001)

"Substrate Specificity of β -Primeverosidase, A Key Enzyme in Aroma Formation during Oolong Tea and Black Tea Manufacturing"

Japan Society for Bioscience, Biotechnology, and Agrochemistry

24 March 2002



Poster Awards

MIYAKE, Kousaku



Poster Award

17th International Colloquium on Magnetic Films and Surfaces (ICMFS 2002)

"Magnetic Domain Wall in a Nano-Contact between Two NiFe Wires"

7 March 2002

EJAZ, Muhammad



Best Poster Award

Macro Group UK, International Conference on Polymer Synthesis

"Fabrication of Patterned High-Density Polymer Graft Surfaces by Surface-Initiated Living Radical Polymerization"

Macro Group UK

1 August 2002

MASUDA, Kenji



Award for the Outstanding Paper

The Society of Polymer Science, Japan

30 May 2002

MURATA, Michihisa



Best Poster Award

16th Symposium on Fundamental Organic Chemistry

"Structure and Properties of an Open-Cage Fullerene Derivative Having a Sulfur Atom on the Orifice"

The Committee of 16th Symposium on Fundamental Organic Chemistry

5 October 2002

SHIRASAKA, Toshiaki



Symposium Poster Award

49th Symposium on Organometallic Chemistry, Japan

"Dibenzoborole-Based π -Electron Systems: Synthesis, Photophysics, and Sensing Ability for Fluoride Ion"

Kinki Chemical Society

13 September 2002

SHINOHARA, Akihiro



Symposium Poster Award

7th Symposium of the Society of Silicon Chemistry, Japan

"Synthesis and Properties of Kinetically Stabilized 1-Silanaphthalene"

The Society of Silicon Chemistry, Japan

25 November 2002

MORIKAWA, Hiroshi



Best Poster Award

"Effective Synthesis of Chiral Origo-Naphthalene Derivatives"

The Pharmaceutical Society of Japan (Kinki) and the Society of Synthetic Organic Chemistry, Japan (Kansai)

10 December 2002

YAMANAKA, Rio



Best Presentation Award

The 6th Japanese Symposium on the Chemistry of Biocatalysis

"Light-mediated Regulation of Asymmetric Reduction of Ketones"

Group Biocatalyst Chemistry Japan

12 December 2002

HIRANO, Toshiko



Best Poster Presentation Award

20th Joint Symposium between the Japan Society for Analytical Chemistry, 69th Symposium on Organic Micro-analysis and the Society of Instrument and Control Engineers, 59th Symposium on the Amount Measurement of Dynamics

"Analysis of Carbon, Hydrogen, and Nitrogen Contents in Silicon-Containing Compounds Using a YANACO CHN-CORDER MT-5"

The Association of Organic Micro-analysis

10 May 2002

TAKEHASHI, Masanori



Asia A Prize

The 18th International Congress of Clinical Chemistry and Laboratory Medicine

"Dinucleotide Repeats in Monoamine Oxidase A Gene Associated with Alzheimer's Disease and Lewy Body Variant"

The Organizing Committee of the 18th International Congress of Clinical Chemistry and Laboratory Medicine

23 October 2002